

DEC 21 2001

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TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/640,041

DATE: 12/06/2001

TIME: 11:31:03

Input Set : A:\503.app

Output Set: N:\CRF3\12062001\I640041.raw

ENTERED

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4 <110> APPLICANT: Kavanaugh, W. Michael
5     Cen, Hui
6     Lee, Pauline
9 <120> TITLE OF INVENTION: EGFH2 GENES AND GENE PRODUCTS
12 <130> FILE REFERENCE: PP-01615.002/200130.503
14 <140> CURRENT APPLICATION NUMBER: US 09/640,041
15 <141> CURRENT FILING DATE: 2000-08-15
17 <160> NUMBER OF SEQ ID NOS: 7
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 348
23 <212> TYPE: DNA
24 <213> ORGANISM: Mus musculus
26 <400> SEQUENCE: 1
27 atgccaacag atcacgagca gccctgtggt cccaggcaca ggtcattttg cctcaatggg      60
28 gggatttgtt atgtgatccc tactatcccc agccatttct gtaggtgcat tgaaaattac      120
29 accggagcac gctgcgaaga ggtttttctc ccaagctcca gcatcccaag cgaaagtaat      180
30 ctgtcggcag ctttcgtggt gctggcggtc ctctcactc ttaccatcgc ggcgctctgc      240
31 ttctctgtgca ggaagggcca ccttcagagg gccagttcag tccagtgtga gatcagcctg      300
32 gtagagacaa acaataccag aaccgcgtcac agccacagag aacactga      348
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 115
36 <212> TYPE: PRT
37 <213> ORGANISM: Mus musculus
39 <400> SEQUENCE: 2
40 Met Pro Thr Asp His Glu Gln Pro Cys Gly Pro Arg His Arg Ser Phe
41 1          5          10          15
42 Cys Leu Asn Gly Gly Ile Cys Tyr Val Ile Pro Thr Ile Pro Ser Pro
43          20          25          30
44 Phe Cys Arg Cys Ile Glu Asn Tyr Thr Gly Ala Arg Cys Glu Glu Val
45          35          40          45
46 Phe Leu Pro Ser Ser Ser Ile Pro Ser Glu Ser Asn Leu Ser Ala Ala
47          50          55          60
48 Phe Val Val Leu Ala Val Leu Leu Thr Leu Thr Ile Ala Ala Leu Cys
49 65          70          75          80
50 Phe Leu Cys Arg Lys Gly His Leu Gln Arg Ala Ser Ser Val Gln Cys
51          85          90          95
52 Glu Ile Ser Leu Val Glu Thr Asn Asn Thr Arg Thr Arg His Ser His
53          100          105          110
54 Arg Glu His
55          115
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 348
59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 3
63 atgccaacag atcacgaaga gccctgtggt cccagtcaca agtcgttttg cctgaatggg      60

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```

64 gggctttgtt atgtgatacc tactattccc agcccathtt gtaggtgcgt tgaaaactat 120
65 acaggagctc gttgtgaaga ggtttttctc ccaggctcca gcatccaaac taaaagtaac 180
66 ctgtttgaag cttttgtggc attggcggtc ctagtaacac ttatcattgg agccttctac 240
67 ttcctttgca ggaaaggcca ctttcagaga gccagttcag tccagtatga tatcaacctg 300
68 gtagagacga gcagtaccag tgcccaccac agtcatgaac aacactga 348

```

70 <210> SEQ ID NO: 4

71 <211> LENGTH: 115

72 <212> TYPE: PRT

73 <213> ORGANISM: Homo sapiens

75 <400> SEQUENCE: 4

76 Met Pro Thr Asp His Glu Glu Pro Cys Gly Pro Ser His Lys Ser Phe

77 1 5 10 15

78 Cys Leu Asn Gly Gly Leu Cys Tyr Val Ile Pro Thr Ile Pro Ser Pro

79 20 25 30

80 Phe Cys Arg Cys Val Glu Asn Tyr Thr Gly Ala Arg Cys Glu Glu Val

81 35 40 45

82 Phe Leu Pro Gly Ser Ser Ile Gln Thr Lys Ser Asn Leu Phe Glu Ala

83 50 55 60

84 Phe Val Ala Leu Ala Val Leu Val Thr Leu Ile Ile Gly Ala Phe Tyr

85 65 70 75 80

86 Phe Leu Cys Arg Lys Gly His Phe Gln Arg Ala Ser Ser Val Gln Tyr

87 85 90 95

88 Asp Ile Asn Leu Val Glu Thr Ser Ser Thr Ser Ala His His Ser His

89 100 105 110

90 Glu Gln His

91 115

94 <210> SEQ ID NO: 5

95 <211> LENGTH: 10

96 <212> TYPE: PRT

97 <213> ORGANISM: Artificial Sequence

99 <220> FEATURE:

100 <223> OTHER INFORMATION: The antigenic determinant recognized by the myc

101 monoclonal antibody which can be incorporated to

102 allow myc monoclonal antibody-based affinity

103 purification.

105 <400> SEQUENCE: 5

106 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu

107 1 5 10

110 <210> SEQ ID NO: 6

111 <211> LENGTH: 5

112 <212> TYPE: PRT

113 <213> ORGANISM: Artificial Sequence

115 <220> FEATURE:

116 <223> OTHER INFORMATION: Preferred thrombin cleavage site.

118 <400> SEQUENCE: 6

119 Leu Val Pro Arg Gly

120 1 5

123 <210> SEQ ID NO: 7

124 <211> LENGTH: 10

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Input Set : A:\503.app

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125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Sequence that can be incorporated to facilitate
130 purification by binding to paramagnetic
131 streptavidin beads.
133 <400> SEQUENCE: 7
134 Ser Ala Trp Arg His Pro Gln Phe Gly Gly
135 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/640,041

DATE: 12/06/2001

TIME: 11:31:04

Input Set : A:\503.app

Output Set: N:\CRF3\12062001\I640041.raw